





Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 251529US96DIV	SERIAL NO. <u>11/828,353</u> New Application			
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Michael R. JOHNSON				
		FILING DATE <u>21 APRIL 2004</u> Herewith	GROUP <u>1624</u>			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZT	AA	4,177,285	12-04-79	Cragoe, Jr. et al.	---	
ZT	AB	3,794,734	02-26-74	Cragoe, Jr. et al.	---	
ZT	AC	3,864,401	02-04-75	Schultz et al.	---	
ZT	AD	3,914,253	10-21-75	Cragoe, Jr. et al.	---	
ZT	AE	3,929,872	12-30-75	Cragoe, Jr. et al.	---	
ZT	AF	3,931,239	01-06-76	Cragoe, Jr. et al.	---	
ZT	AG	3,953,476	04-27-76	Cragoe, Jr. et al.	---	
ZT	AH	3,966,966	06-29-76	Cragoe, Jr. et al.	---	
ZT	AI	4,006,180	02-01-77	Cragoe, Jr. et al.	---	
ZT	AJ	4,012,524	03-15-77	Cragoe, Jr. et al.	---	
ZT	AK	4,159,279	06-26-79	Smith et al.	---	
ZT	AL	4,163,781	08-07-79	Cragoe, Jr. et al.	---	
ZT	AM	4,163,794	08-07-79	Cragoe, Jr. et al.	---	
ZT	AN	4,085,219	04-18-78	Cragoe, Jr. et al.	---	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO					
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	AS					
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	AU					
	AV					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)						
ZT	AW	R. Tarran et al., <u>The CF Salt Controversy: In Vivo Observations and Therapeutic Approaches</u> , <i>Molecular Cell</i> , Vol. 8, 149-158, July 2001.				
ZT	AX	Michael R. Knowles et al., <u>Amiloride in Cystic Fibrosis: Safety, Pharmacokinetics, and Efficacy in the Treatment of Pulmonary Disease</u> , Chapter 20, page 301-316. <u>1992</u>				
ZT	AY	Louis Simchowicz et al., <u>An Overview of the Structure Activity Relations in the Amiloride Series</u> , Chapter 2, page 9-25. <u>1992</u>				
ZT	AZ	J.R. Sabater et al., <u>Aerosolization of P2y2-Receptor Agonists Enhances Mucociliary Clearance in Sheep</u> , <i>The American Physiological Society</i> , page 2191-2196. <u>1999</u>				
Examiner <u>ZL</u>				Date Considered <u>17 OCTOBER 2000</u>		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZT	AA	4,025,625	05-24-77	Rooney et al.			
ZT	AB	4,196,292	04-01-80	Woltersdorf, Jr. et al.			
ZT	AC	4,087,526	05-02-78	Cragoe, Jr. et al.			
ZT	AD	4,087,542	05-02-78	Cragoe, Jr. et al.			
ZT	AE	4,092,414	05-30-78	Cragoe, Jr. et al.			
ZT	AF	4,100,294	07-11-78	Cragoe, Jr. et al.			
ZT	AG	4,105,769	08-08-78	Rooney et al.			
ZT	AH	4,140,776	02-20-79	Cragoe, Jr. et al.			
ZT	AI	4,145,551	03-20-79	Cragoe, Jr. et al.			
ZT	AJ	4,181,727	01-01-80	Cragoe, Jr. et al.			
ZT	AK	4,237,130	12-02-80	Cragoe, Jr. et al.			
ZT	AL	4,237,144	12-02-80	Cragoe, Jr. et al.			
ZT	AM	4,277,602	07-07-81	Woltersdorf et al.			
ZT	AN	4,291,050	09-22-81	Woltersdorf, Jr. et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
ZT	AW	Thomas R. Kleyman et al., <u>Amiloride and Its Analogs as Tools in the Study of Ion Transport</u> , <i>The Journal of Membrane Biology</i> , Vol. 105, pages 1-21, 1988.					
ZT	AX	Edward C. Taylor et al., <u>A Facile Route to "Open Chain" Analogues of DDATHE</u> , <i>Heterocycles</i> , Vol. 28, No. 2, 1989.					
ZT	AY	Paul-Michael Windscheif et al., <u>Substituted Dipyrroloethenes and -ethynes and Key Pyridine Building Blocks</u> , <i>Synthesis</i> , pages 87-92, January 1994.					
ZT	AZ	Edward J. Cragoe, Jr., <u>The Synthesis of Amiloride and Its Analogs</u> , page 24-38, Chapter 3. <div style="text-align: right;">1992</div>					
Examiner 					Date Considered <u>17 OCTOBER 2008</u>		
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ET	AA	4,003,927	01-18-77	Woltersdorf, Jr. et al.	---	---
ET	AB	4,296,122	10-20-81	Cragoe, Jr. et al.	---	---
ET	AC	4,317,822	03-02-82	Woltersdorf, Jr. et al.	---	---
ET	AD	4,362,724	12-07-82	Bock et al.	---	---
ET	AE	4,401,669	08-30-83	Cragoe, Jr. et al.	---	---
ET	AF	3,974,212	08-10-76	Cragoe, Jr. et al.	---	---
ET	AG	3,984,465	10-05-76	Cragoe, Jr. et al.	---	---
ET	AH	3,984,552	10-05-76	Cragoe, Jr. et al.	---	---
ET	AI	4,067,980	01-10-78	Cragoe, Jr. et al.	---	---
ET	AJ	4,085,117	04-18-78	Cragoe, Jr. et al.	---	---
ET	AK	4,085,211	04-18-78	Cragoe, Jr. et al.	---	---
ET	AL	4,246,406	01-20-81	Cragoe, Jr. et al.	---	---
ET	AM	3,472,848	10-14-69	Edward J. Cragoe, Jr. et al.	---	---
ET	AN	3,544,571	12-01-70	Edward J. Cragoe, Jr., et al.	---	---
FOREIGN PATENT DOCUMENTS						
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	AU					
	AV					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)						
ET	AW	Jack H. Li, et al., <u>Stereoselective Blockage of Amphibian Epithelial Sodium Channels by Amiloride Analogs</u> , <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 267, No. 3, pages 1081-1084, 1993.				
ET	AX	Pallav L. Shah, M.D., <u>Chapter 7. Progress in the Treatment of Pulmonary Disease in Cystic Fibrosis</u> , <i>Annual Reports in Medicinal Chemistry</i> , Vol. 36, pages 67-76, 2001.				
ET	AY	Dieter Worlitzsch et al., <u>Effects of Reduced Mucus Oxygen Concentration in Airway Pseudomonas Infections of Cystic Fibrosis Patients</u> , <i>The Journal of Clinical Investigation</i> , February 2002, Volume 109, Number 3, pages 317-336.				
ET	AZ	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <i>Annual Reports in Medicinal Chemistry</i> , 1966, page 59-68.				
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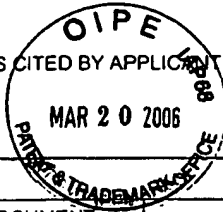
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<u>ZT</u>	AA	3,991,106	11-09-76	Cragoe, Jr., et al.	<u> </u>	<u> </u>	
<u>ET</u>	AB	3,991,087	11-09-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AC	3,989,749	11-02-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ET</u>	AD	3,987,091	10-19-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ET</u>	AE	3,979,361	09-07-76	Schultz et al.	<u> </u>	<u> </u>	
<u>ET</u>	AF	3,976,686	08-24-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ET</u>	AG	3,976,681	08-24-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AH	3,958,004	05-18-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ET</u>	AI	3,956,374	05-11-76	Shepard et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AJ	3,928,624	12-23-75	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AK	3,894,065	07-08-75	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ET</u>	AL	3,668,241	06-06-72	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AM	3,625,950	12-07-71	Edward J. Cragoe, Jr.	<u> </u>	<u> </u>	
<u>ZT</u>	AN	4,298,743	11-03-81	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
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<u>ZT</u>	AW	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <i>Annual Reports in Medicinal Chemistry</i> , 1965, page 67-77.					
<u>ET</u>	AX	Robert L. Smith, et al., <u>Chapter 8: Diuretics</u> , <i>Annual Reports in Medicinal Chemistry</i> , Volume 11, pages 71-79, 1976.					
<u>ZT</u>	AY	Robert L. Smith, et al., <u>Chapter 7: Diuretics</u> , <i>Annual Reports in Medicinal Chemistry</i> , Volume 13, pages 61-70, 1978.					
<u>ZT</u>	AZ	Edward J. Cragoe, Jr., <u>Structure-Activity Relationships in the Amiloride Series</u> , <i>Merck Sharp and Dohme Research Laboratories</i> , 1979, pages 1-20.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<u>ZT</u>	AA	3,313,813	4/11/67	Cragoe, Jr., et al.			
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<u>ZT</u>	AW	T.M. Cocks, et al., British Journal of Pharmacology, 95(1), pp. 67-76 (English) 1988.					
<u>ZT</u>	AX	Thomas R. Kleyman, et al., American Journal of Physiology, 260(2, Pt.1), pp. C271-C276 (English), 1991.					
<u>ZT</u>	AY	K.E. Barrett, et al., Annu. Rev. Physiol. 2000; 62, pp. 535-572.					
<u>ZT</u>	AZ	R.F. Epand, et al., British Journal of Cancer, 63(2), 247-51 (English) 1991.					
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LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Michael R JOHNSONFILING DATE
April 21, 2004GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
ZT	AO	WO 01/05773 A1	01/25/2001	WIPO		
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner

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